

MEANS FOR ELICITING AN IMMUNE RESPONSE AND A METHOD THEREFOR

ABSTRACT OF THE DISCLOSURE

A means to elicit a cytotoxic immune response as a result of injecting antigen encoding expression constructs. Minimalistic expression constructs are used that comprise a promoter, a coding sequence and a terminator, and hairpin-shaped oligonucleotides on their ends, to the loop of which cationic peptides are covalently attached. These peptide-coupled expression constructs lead to a cell mediated response type after intradermal injection. The use of a DNA expression construct operable in eucaryotic cells for making a vaccine for intradermal injection to elicit a type 1 cell mediated immune response is described. The abstract of the disclosure is submitted herewith as required by 37 C.F.R. §1.72(b). As stated in 37 C.F.R. §1.72(b): A brief abstract of the technical disclosure in the specification must commence on a separate sheet, preferably following the claims, under the heading "Abstract of the Disclosure." The purpose of the abstract is to enable the Patent and Trademark Office and the public generally to determine quickly from a cursory inspection the nature and gist of the technical disclosure. The abstract shall not be used for interpreting the scope of the claims. Therefore, any statements made relating to the abstract are not intended to limit the claims in any manner and should not be interpreted as limiting the claims in any manner.